

ABSTRACT

Distributed assembly of data packets into messages at a group of interface devices that receive data packets from within a coverage area. Each interface device in the group will take ownership of a sequence of data packets forming a message when a data packet of the message meeting predetermined criteria is received by that interface device. Once an interface device takes ownership of a sequence of data packets, it sends a request to the other interface devices for any missing data packets of the sequence that the ownership claiming interface does not have, and then assembles message upon receiving all the data packets of the sequence.